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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Makarov et al.

Serial No. 10/804,692

Filed: 03/19/2004

For: Obtaining Tandem Mass
Spectrometry Data for Multiple Parent
Ions in an Ion Population

§
§ Group Art Unit: 2881
§
§ Examiner: Unknown
§
§ Attorney Docket No.: 26114.14
§
§ Customer Number: 27683
§

SECOND INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited documents are listed in chronological order and are not in any order based on their pertinence.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

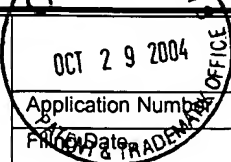
Respectfully submitted,

Handwritten signature: T. F. Bliss

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Timothy F. Bliss
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| <p>Certificate of Mailing I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>10-27-04</u> <i>Handwritten signature: Gayle Conner</i> Gayle Conner</p> |
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| In place of PTO-1449 Form | U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | Complete if Known |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/804,692 |
| | | Filing Date | 03/19/2004 |
| | | Applicant(s) | Makarov et al. |
| | | Art Unit | 2881 |
| | | Examiner Name | Unknown |
| | | Attorney Docket Number | 26114.14 |
| SHEET | 1 | OF | 1 |

| U. S. PATENT DOCUMENTS | | | | |
|------------------------|----------|-----------------|--------------------------------|---|
| Examiner's Initials | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|----------|--|--------------------------------|---|--------------------|
| Examiner's Initials | Cite No. | Foreign Patent Document <small>(Country Code - Number - Kind)</small> | Publication Date MM-DD-YYYY | Patentee or Applicant of Cited Document | Translation Y/N |
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| NON-PATENT LITERATURE DOCUMENTS | | |
|---------------------------------|----------|--|
| Examiner's Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published |
| | AA | Hunt et al., "Sequence Analysis of Polypeptides by Collision Activated Dissociation on a Triple Quadrupole Mass Spectrometer", Biomedical Mass Spectrometry, Vol. 8, No. 9, 1981, pp. 397-408. |
| | AB | McLafferty, "Tandem Mass Spectrometry", Wiley-Interscience, New York, 1983, pp. 1-10. |
| | AC | March et al., "Quadrupole Storage Mass Spectrometry, " Chemical Analysis, John Wiley & Sons, Chichester, 1989, Volume 102, pp. 1-30. |
| | AD | Marshall et al., "Fourier Transforms in NMR, Optical and Mass Spectrometry", Elsevier, Amsterdam, 1990, pp. 225-271. |
| | AE | Gerlich, "Inhomogeneous RF Fields: A Versatile Tool for The Study of Processes with Slow Ions", State Selected and State-to-State Ion-Molecule Reaction Dynamics, Part 1, Advances in Chemical Physics Series, Vol. LXXXII, John Wiley, Chichester, 1992, pp. 1-176. |
| | AF | Hoaglund-Hyzer et al., "Mobility Labeling for Parallel CID of Ion Mixtures", Analytical Chemistry 2000, Vol. 72, No. 13, July 1, 2000, pp. 2737-2740. |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.